

3" CORLA DOWNLIGHT

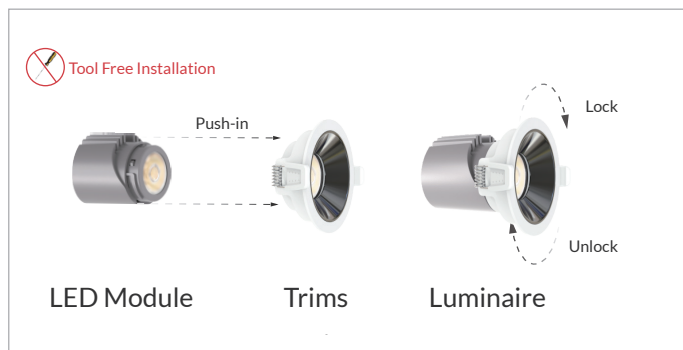
Residential Series



The Corla Downlight System revolutionizes interior lighting through modular adaptability. Featuring precision-engineered optics and adjustable configurations, the system delivers exceptional light quality with superior optical control.

TECHNICAL DATA

Wattage	10W, 15W (single module)
CRI	90, SDCM<3
CCT	2700K, 3000K, 3500K, 4000K Dim to Warm: 2000K-3000K
Dimming	Triac dimming (1%-100%) 0-10V dimming (3%-100%)
Input Voltage	120-277V, 50/60Hz
Projected Lifetime	L80-50,000 hours
Working Temperature	-4°F to 104°F (-20°C to 40°C)
Certifications	ETL Listed to US and Canadian standards Suitable for damp locations RoHS compliant
Power Factor	>0.9 at full load
Harmonic Distortion	<20% at full load



FEATURES

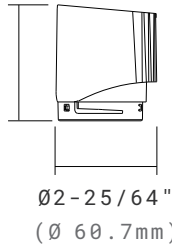
- **Super Modular Design:** 10 mounting trims and tool-free interchangeable components.
- **Precise Light Control:** 4 beam angles (15°/24°/38°/55°), anti-glare accessories, and a 38° cutoff angle. 355° rotation & 30° tiltable.
- **Versatile Project Adaptability:** supports general lighting, spot/flood and accent lighting.
- **Optimized Thermal Performance:** guarantees long-term durability and consistent luminous performance.

SPECIFICATION

LED Module



2-11/16"
(68.3mm)

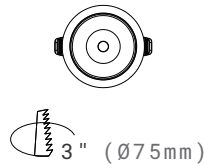
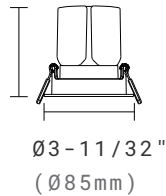


Trims

**Round
Shallow Frame
Reflector, Fixed**



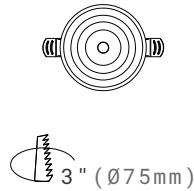
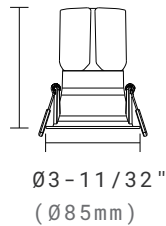
3-13/32"
(86.4mm)



**Round
Deep Frame
Fixed**



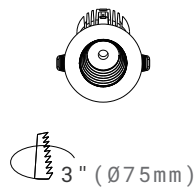
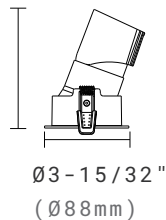
4-21/64"
(109.7mm)



**Round
Deep Frame
Adjustable**



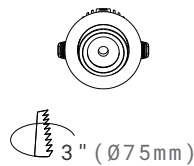
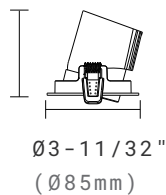
4-57/64"
(124.2mm)



**Round
Inner
Adjustable**

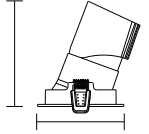
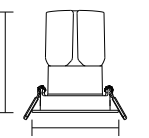
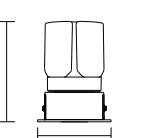
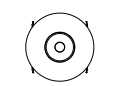
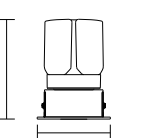
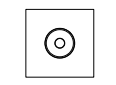
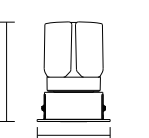
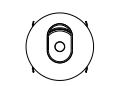


3-3/32"
(78.5mm)



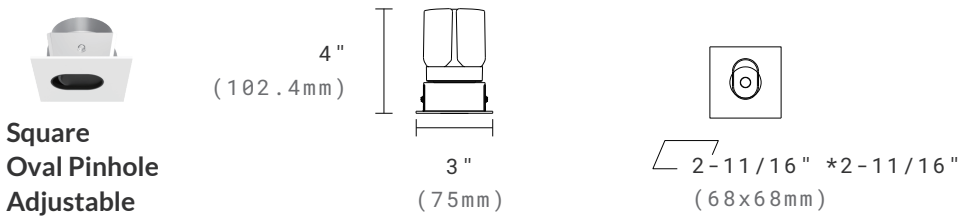
SPECIFICATION

Trims

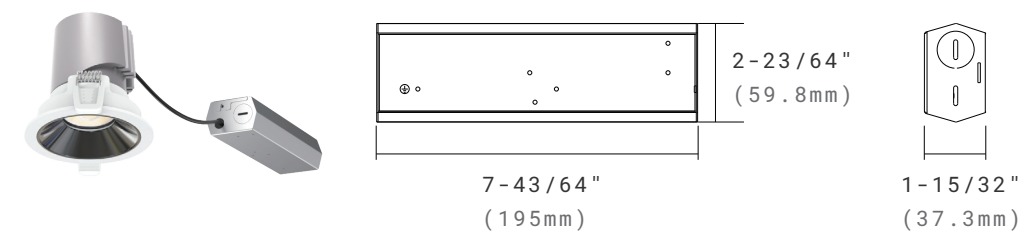
 Round Big Pinhole Adjustable	4 - 1 / 4 " (107.7mm)	 Ø3 - 15 / 32 " (Ø88mm)	 3 " (Ø75mm)
 Round Small Pinhole Fixed	4 - 7 / 64 " (104.4mm)	 Ø3 - 15 / 32 " (Ø88mm)	 3 " (Ø75mm)
 Round Small Pinhole Adjustable	4 " (102.4mm)	 Ø3 " (Ø75mm)	 2 - 11 / 16 " (Ø68mm)
 Square Small Pinhole Adjustable	4 " (102.4mm)	 3 " (75mm)	 2 - 11 / 16 " * 2 - 11 / 16 " (68x68mm)
 Round Oval Pinhole Adjustable	4 " (102.4mm)	 Ø3 " (Ø75mm)	 2 - 11 / 16 " (Ø68mm)

SPECIFICATION

Trims



Remodel Mounted Driver



ORDERING INFORMATION

EXAMPLE

COR	03	10	35	90	1	XD	38
1	2	3	4	5	6	7	8

1. Series

- ☒ COR- Corla LED Module

2. Size

- ☐ 03 - 3 inch Module

3. Wattage (single module)

- ☐ 10 - 10W ☐ 15 - 15W

4. CCT

- ☐ 27- 2700K ☐ 30- 3000K
☐ 35- 3500K ☐ 40- 4000K
☐ DTW- 2000K-3000K dim to warm

5. CRI

- ☐ 90 - 90Ra

6. Voltage

- ☐ 1- 120-277V

7. Dimming

- ☐ XD - 0-10V/Triac Dimming

NOTE:

1. Triac dimming only works on 120VAC.

8. Beaming Angle

- ☐ 15 - 15° ☐ 24 - 24°
☐ 38 - 38° ☐ 55 - 55°

Mounting Accessory Options

- ☐ RIP-55135
☐ RIP-70145

New construction pre-mounting plate for Corla Downlight.

NOTE:

1. Please refer to the Selection Guide to select proper plate.

Optical Accessory Options

- ☐ COR03-HCB
Honeycomb Filter
- ☐ COR03-BSL
Beam Soft Lens



Emergency Battery Back-up Options

- ☐ AAL-EBU-AC08D-YYY
Remote 8W LED Emergency
Battery Back-up 120-347VAC
- ☐ AAL-EBU-AC15D-YYY
Remote 15W LED Emergency
Battery Back-up 120-347VAC
- ☐ AAL-EBU-AC25D-YYY
Remote 25W LED Emergency
Battery Back-up 120-347VAC



NOTE:

1. A single EBU can power multiple light fixtures. The 8W EBU supports up to 60W total lighting load, 15W EBU supports up to 100W total lighting load, while the 25W EBU supports up to 150W total lighting load.
2. The dimming control wire is optional when the combined power of all connected lights is lower than the EBU's rated power.
3. The dimming control wire must be connected when the total power of all connected lights exceeds the EBU's rated capacity.

ORDERING INFORMATION

Trim Options

☐ **CORR03-R-DL-SFR-WH**

Residential series, round trim, fixed,
shallow frame reflector, white trim



☐ **CORR03-R-ADJ-BP-WH**

Residential series, round trim,
adjustable, big pinhole, white trim



☐ **CORR03-R-DL-DF-WH**

Residential series, round trim, fixed,
deep frame, white trim



☐ **CORR03-R-DL-SP-WH**

Residential series, round trim,
fixed, small pinhole, white trim



☐ **CORR03-R-ADJ-DF-WH**

Residential series, round trim,
adjustable, deep frame, white trim



☐ **CORR03-R-ADJ-SP-WH**

Residential series, round trim,
adjustable, small pinhole, white trim



☐ **CORR03-R-ADJ-IN-WH**

Residential series, round trim,
inner adjustable, white trim



☐ **CORR03-S-ADJ-SP-WH**

Residential series, square trim,
adjustable, small pinhole, white trim



☐ **CORR03-R-ADJ-OP-WH**

Residential series, round trim,
adjustable, oval pinhole, white trim



☐ **CORR03-S-ADJ-OP-WH**

Residential series, square trim,
adjustable, oval pinhole, white trim



* White trim is standard finish. Customized finish color is available at an additional fee.

ROUGH-IN PLATE SELECTION GUIDE

To ensure a proper fit, select the correct rough-in plate by matching it to your fixture's cutout size.

Follow the 2 steps below:

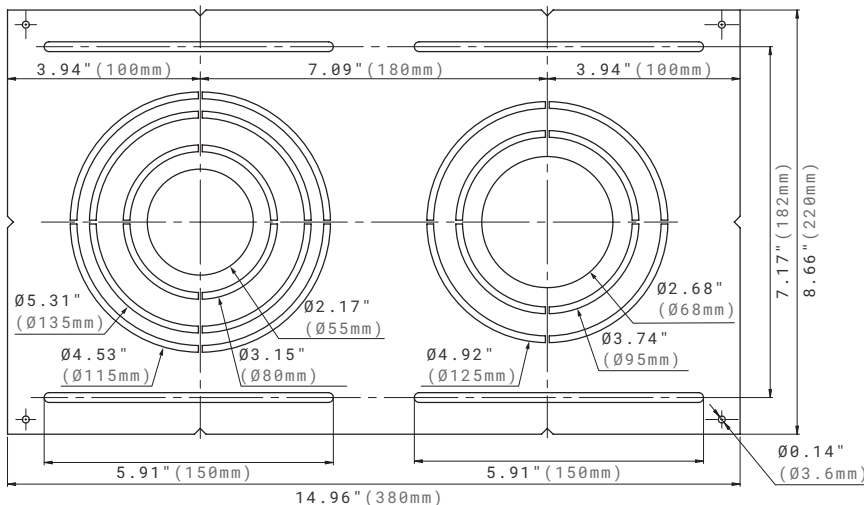
Step 1. Identify the Cutout Size: Locate the Corla Downlight model in the table below and note its required cutout dimension.

Step 2. Match the Plate: Using the diagram that follows, find the rough-in plate part# that corresponds to the cutout size you identified in Step 1.

Corla Downlight Cutout Dimension Table

Model	Hotel	Residential	Commercial	Deep Anti-Glare	Wall Washer
COR02	Ø2.17"(55mm)	Ø2.17"(55mm)	Ø2.56"(65mm)	/	/
COR03	Ø2.95"(75mm)	Ø2.95"(75mm), Ø2.68"(68mm)	Ø3.15"(80mm)	Ø2.95"(75mm)	Ø2.95"(75mm)
COR04	Ø3.94"(100mm)	Ø4.53"(115mm), Ø3.94"(100mm)	Ø3.74"(95mm)	Ø3.94"(100mm)	/
COR05	Ø4.92"(125mm), Ø4.8"(122mm)	Ø4.33"(110mm), Ø4.92"(125mm) Ø5.12"(130mm), Ø5.31"(135mm)	Ø4.53"(115mm)	Ø4.92"(125mm)	/

Rough-in Plate



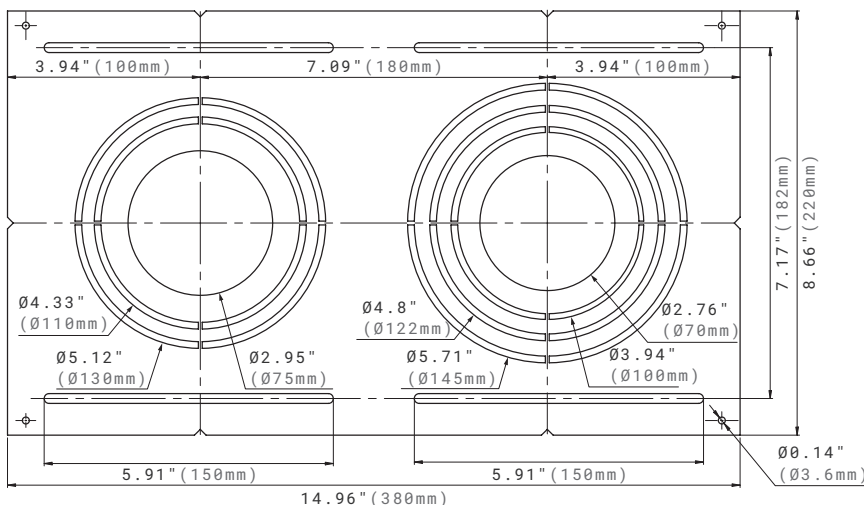
Part#

RIP-55135

New construction pre-mounting plate for Corla Downlight.

Compatible cutouts:

Ø2.17"(Ø55mm)
Ø2.68"(Ø68mm)
Ø3.15"(Ø80mm)
Ø3.74"(Ø95mm)
Ø4.53"(Ø115mm)
Ø4.92"(Ø125mm)
Ø5.31"(Ø135mm)



Part#

RIP-70145

New construction pre-mounting plate for Corla Downlight.

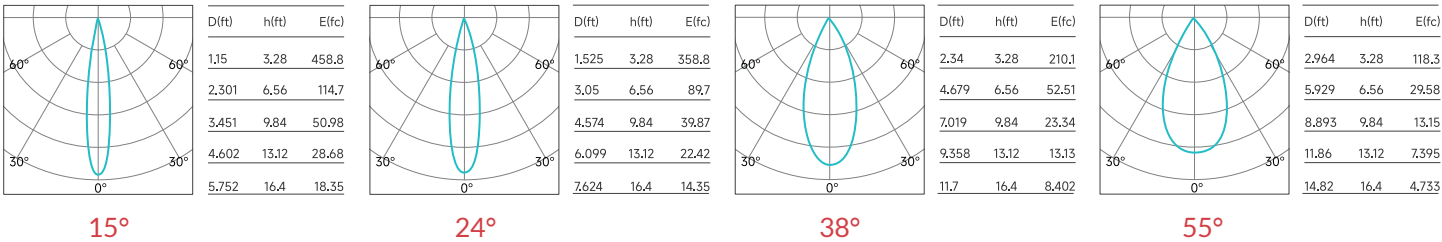
Compatible cutouts:

Ø2.76"(Ø70mm)
Ø2.95"(Ø75mm)
Ø3.94"(Ø100mm)
Ø4.33"(Ø110mm)
Ø4.8"(Ø122mm)
Ø5.12"(Ø130mm)
Ø5.71"(Ø145mm)

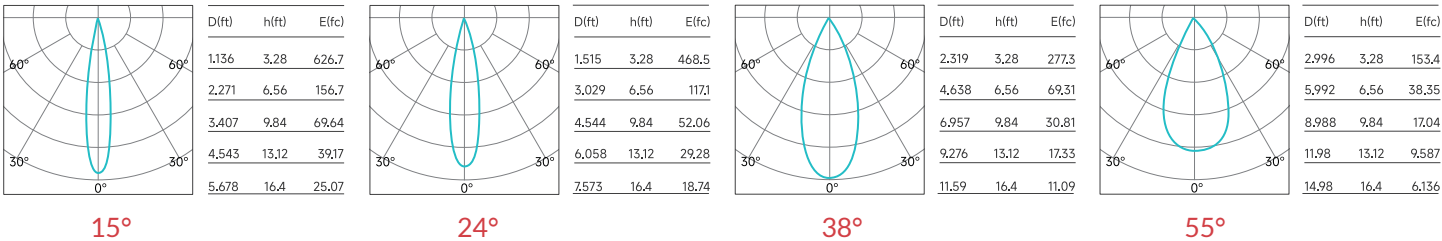
PHOTOMETRY

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%. Results may vary per actual order.

10W



15W



Above test data is based on Round Big Pinhole trim with 3000K 90CRI LED.

PERFORMANCE DATA

POWER	CCT	CRI	BEAM OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)
10W	3000K	90	15°	781	74	4943
			24°	869	84	3853
			38°	906	90	2262
			55°	847	84	1272
15W	3000K	90	15°	1049	73	6753
			24°	1137	78	5047
			38°	1200	88	2993
			55°	1119	81	1658

Above test data is based on Round Big Pinhole trim with 3000K 90CRI LED.

LUMEN MULTIPLIERS

CCT	MULTIPLIER
2700K	0.95
3000K	1.00
3500K	1.04
4000K	1.06